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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Tal Gordon

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EXAMINER

COLON SANTANA, EDUARDO

ART UNIT

PAPER NUMBER

2837

MAIL DATE

DELIVERY MODE

08/17/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/531,097	Applicant(s) GORDON ET AL.	
	Examiner Eduardo Colon-Santana	Art Unit 2837	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 March 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 70-138 is/are pending in the application.
- 4a) Of the above claim(s) 86,87,104,105,119 and 120 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 70-85,88-103,106-118 and 121-138 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 07 April 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>11/16/05; 7/13/06; 7/24/08</u> | 6) <input checked="" type="checkbox"/> Other: <u>Detailed Action</u> |

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of claims 70-85, 88-103, 106-118 and 121-138 in the reply filed on 3/10/2009 is acknowledged. Claims 86, 87, 104, 105, 119 and 120 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected species, there being no allowable generic or linking claim.

Information Disclosure Statement

2. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609.04(a) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892 or by applicant on form 1449, they have not been considered.

3. The information disclosure statement (IDS) submitted on 11/16/2005; 7/13/2006 and 7/24/2008 are in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Objections

4. Claim 118 is objected to because of the following informalities: The claim depends from a cancel claim. It seems that this is a typographical error and should depend from claim 117. Appropriate correction is required.

Art Unit: 2837

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 81, 98 and 114 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 81, 98 and 114 state in line 2: "at least one transporter comprises a plurality of transporters". It is unclear how one transporter can include a plurality of transporters. There is no disclosure that teaches or describes such an element. It seems that applicant may be referring to having more than one evacuation systems including a plurality of transporters, each transporter having a plurality of platforms, etc. Appropriate correction is requested.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a

Art Unit: 2837

background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 70-77, 80-85, 88-94, 97-103, 106-110, 113-118 and 121-138 are rejected under 35 U.S.C. 103(a) as being unpatentable over Henry Reed U.S. Patent No. 4,732,235 in view of Kucher et al. U.S. Patent No. 4,640,384.

Referring to claims 70, 71, 88, and 106 Reed discloses a scaffolding system (see figures 1-4 and respective portions of the specification). Reed further depict having at least one lowerable, collapsible, multiple-platform, mutually spacable, generally vertical transporter (i.e. scaffolding) (see figures 1-4) arranged for

Art Unit: 2837

selectable communication with at least one side of a substantial height of a surface to be work on (see Col. 1, lines 4-6) in which mutual spacing between multiple platform is reduce. The scaffolding (i.e. transporters) could also be used for a surface of a building as is well-known in the art. Furthermore, Reed discloses that the scaffolding system includes a winch, which would be obviously driven by a motor being controlled for lowering the scaffolding from one upper point to a lower point and vice versa. However, Reed does not explicitly describe a controller to control the winch for lowering the scaffolding (i.e. transporter) for evacuation of a building. Nonetheless, Kucher et al. discloses an evacuation system having a transporter (18) which uses a winch that is driven by a motor (42 or 70) that is controlled by a controller (44 or 28) to lowered or raise the transporter (cabin 18) from one floor to a level at which a person can egress safely in case of an emergency (see figures 1-5; Col. 2, lines 35-40 and Col. 4, lines 5-8). It would have been obvious to one of ordinary skill in the art at the time of the invention to have a controller as taught by Kucher et al. within the teaching of the scaffolding of Reed for the purpose/advantages of facilitating coordination and response time of the winch when lowering or raising the transporter from one level to another.

As to claims 72, 89 and 107, Reed depicts having a multiple-platform transporter (i.e. scaffolding) having a plurality of stackable platforms (12) (see figures 3 and 4) arranged to be supported on multiple generally vertical supports (14), and having a

Art Unit: 2837

mutually space relationship, each in communication with a different level (see figure 4). Different level could obviously be different floors of a building.

Referring to claims 73, 74, 90 and 91, Reed depicts from figure 1, a plurality of stackable platforms arranged in a mutually collapsed relationship when not in use or after an emergency has ended (see Col. 4, lines 16-20).

As to claims 75, 76, 92, 93, 108 and 109, Reed discloses that vertical supports include cables (14 and 25) and rigid support elements (21) shown in figures 5 and 6.

Referring to claims 77, 94, and 110, Reed depicts a plurality of platforms (12) each having a bottom support surface and a peripheral enclosing element as shown in figure 4.

As to claims 80, 84, 97, 102, 113 and 117, Reed discloses that the scaffolding (transporter) is provided with shackles (21) to be mounted on the surface to which the transporter is to be erected (which can obviously be a building) and guide sleeves having conical elements (32) to prevent lateral movement of the platforms (see Col. 1, lines 58-67; Col. 3, lines 6-12).

Referring to claims 81, 82, 98, 99, 114 and 115, Reed and Kucher et al. addresses all the limitations of claims 71, 88 and 106 above. In addition Kucher et al. disclose having a plurality of evacuation system (12) see figure 1, in addition to state that multiple transporter (cabins 18) can be provided for each installation (12) (see Col. 3, lines 42-46 and figure 5). Furthermore, Kucher et al.

Art Unit: 2837

discloses that the ascent and descent of each cabin may be controlled either by a panel 44 or remotely from the trailer 28 (see Col. 4, lines 5-15). It would have been obvious to one of ordinary skill in the art at the time of the invention to use the controller of Kucher et al. to position the transporters (cabins) at different locations of a building or surface either simultaneously or independently from other evacuation installations (12) for the purpose/advantages of making more efficient the evacuation process while meeting certain demands (i.e. 6 and 8 floor on fire) which require independent movement of some transporters in contrast to others that may be use for other emergency purposes.

Referring to claims 83, 100 and 116, Kucher et al. discloses an emergency evacuation system having a winch that raises or lowers the transporter (see Col. 2, lines 36-50). In addition states that by way of example the transporter (cabin 18) may carry two fire fighters and the ascent may be controlled by one the fire fighters (see Col. 4, lines 38-40).

As to claims 85, 103 and 118, Kucher et al. discloses that in the event the building has lost power, weight couplers (22) (see figure 1) which carry the transporter will cause spools (14) to rotate, releasing cables (20) to their full length which is about 8 feet above ground (egress) level (see Col. 3, lines 40-64).

As to claims 121-138, the method steps of evacuation of a building are naturally done in the product structure of claims 70-85, 88-103 and 106-118 above as taught by Reed and Kucher et al.

Art Unit: 2837

7. Claims 78, 79, 95, 96, 101, 111 and 112 are rejected under 35 U.S.C. 103(a) as being unpatentable over Reed and Kucher et al. as applied to claims 77, 88, 94 and 110 above, and further in view of James Fitzgerald GB Patent No. 1434366 A.

Referring to claims 78, 79, 95, 96, 101, 111 and 112, Reed and Kucher et al. address the limitations of claims 77, 94 and 110 of having a peripheral enclosing element, but do not explicitly describe that the peripheral enclosing element includes a wall element formed of fabric which is heat, fire and smoke resistant. Nonetheless, Fitzgerald discloses a portable collapsible transporter having a plurality of platforms in a nestable form each comprising a peripheral enclosing element that includes a wall (7) formed of fabric that is heat, fire and smoke resistant (see page 1, pars 30-75). It would have been obvious to one of ordinary skill in the art at the time of the invention to have a peripheral enclosure being made with a flameproof, heat and smoke fiber resistant material as taught by Fitzgerald within the teaching of Reed and Kucher et al. for the purpose/advantages of protecting a person(s) from a potential fire in case an evacuation should arise. Having this type of enclosure would also prevent any further injuring that a person would incur if place in direct contact with a hot surface or has to inhale smoke).

Conclusion

8. The prior art made of record in form 892 and not specifically relied upon is considered pertinent to applicant's disclosure to further show the state of the art.

Art Unit: 2837

The prior art of record disclose various systems and methods for evacuating a building having different types of installations.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eduardo Colon-Santana whose telephone number is (571)272-2060. The examiner can normally be reached on Monday thru Friday 7:00am - 4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Walter Benson can be reached on (571) 272-2800 X.37. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. For more information, see <http://portal.uspto.gov/external/portal/pair>. Should you have questions, contact the Electronic Business Center at 866-217-9197. If you would like assistance from, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Patent Examiner
Art Unit 2837

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August 11, 2009